

AS PB 8/22/03 2871

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By: David R. Rando

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Liang et al.

Application Serial No. 09/759,212

Filed: January 11, 2001

For: Transmissive or Reflective Liquid Crystal
Display and Novel Process for its
Manufacture

Art Unit: 2871

Examiner: PARKER, Kenneth

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on an attached Supplemental Form PTO-1449 is information known to the applicant(s). Each reference listed has been cited in the applicant's related applications, USSN 09/518,488 and USSN 09/784,972. The references are being submitted herewith for the sake of completeness.

A copy of each listed publication and U.S. and foreign patent, except for pending non-published U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. The Examiner is requested to initial and return Form PTO-1449 in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

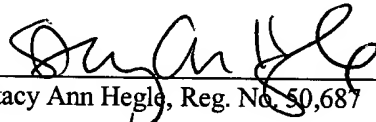
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37 C.F.R. §1.97(c). This statement is being filed after the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, a fee of \$180.00 as set forth in §1.17(p) is authorized below.

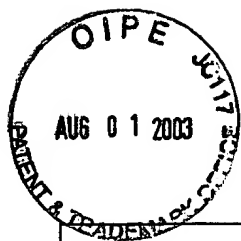
☒ *Fee Authorization.* The Commissioner is hereby authorized to charge the above-referenced fees of \$180.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 08-1641 (Attorney's Docket No. 26822-0003).

Respectfully submitted,

Dated: July 29, 2003

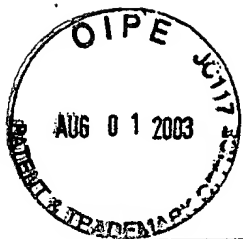
By: 
Stacy Ann Hegle, Reg. No. 50,687

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(650) 324-7000
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Form PTO-1449				Attorney's Docket No. 26822-0003		Application Serial No. 09/759,212	
INFORMATION DISCLOSURE STATEMENT				Applicant(s) Liang, et al.			
				Filing Date: January 11, 2001		Group Art Unit: 2871	
U.S. PATENT DOCUMENTS							
Examiner Initials	Ref. No.	Date	Patent No.	Name	Class	Subclass	Filing Date
	1.	1/18/66	3,229,607	Battaglia, G. J.	95	75	
	2.	3/2/99	5,877,848	Gillette et al.	355	85	
	3.	6/06/72	3,668,106	Ota	204	299	
	4.	1/31/78	4,071,430	Liebert	204	299	
	5.	6/06/78	4,093,534	Carter, et al.	350	355	
	6.	8/25/81	4,285,801	Chiang	204	299	
	7.	7/14/87	4,680,103	Beilin Solomon I., et al.	204	299	
	8.	1/10/95	5,380,362	Schubert	106	493	
	9.	04/04/95	5,403,518	Schubert	252	572	
	10.	11/12/96	5,573,711	Hou et al.	252	572	
	11.	6/22/99	5,914,806	Gordon II, et al.	359	296	
	12.	10/05/99	5,961,804	Jacobson, et al.	204	606	
	13.	01/25/00	6,018,383	Dunn et al.	355	49	
	14.	02/26/80	4,190,352	Bruning	355	19	
	15.	05/08/90	4,924,257	Jain	355	53	
	16.	02/08/94	5,285,236	Jain	355	53	
	17.	07/29/97	5,652,645	Jain	355	53	
	18.	1/25/00	6,017,584	Albert, et al.	427	213.3	
	19.	7/27/99	5,930,026	Jacobson, et al.	359	296	
	20.	10/12/71	3,612,758	Evans, et al.	178	5.4R	
	21.	09/5/72	3,689,346	Rowland	156	245	
	22.	12/23/75	3,928,671	Robusto, et al.	427	88	
	23.	05/03/88	4,741,988	Van der Zande, et al.	430	312	
	24.	01/04/94	5,276,438	DiSanto, et al.	345	107	
	25.	01/18/94	5,279,511	DiSanto, et al.	445	24	
	26.	05/16/00	6,064,508	Forgette, et al.	359	267	
	27.	05/23/00	6,067,185	Albert, et al.	359	296	
	28.	09/05/00	6,113,810	Hou, et al.	252	572	
	29.	09/19/00	6,120,588	Jacobson	106	31.16	
	30.	09/19/00	6,120,839	Comiskey et al.	427	213.3	
	31.	02/06/01	6,184,856	Gordon, et al.	345	107	
	32.	05/29/01	6,239,896	Ikedo	359	240	
	33.	11/06/01	6,312,304	Duthaler, et al.	445	24	
	34.	12/04/01	6,327,072	Comiskey, et al.	259	296	
	35.	01/08/02	6,337,761	Rogers, et al.	359	296	
	36.	05/21/02	6,392,785	Albert, et al.	359	296	
	37.	05/21/02	6,392,786	Albert	359	296	
	38.	06/04/02	6,400,430	Nakao, et al.	349	89	
	39.	03/24/98	5,731,860	Harada et al.	349	158	
	40.	04/20/99	5,895,541	Kobayashi et al	156	240	
	41.	11/16/99	5,985,084	Summersgill et al.	156	273.7	

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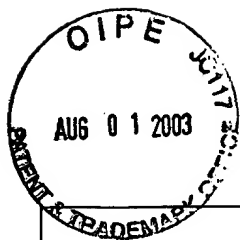
Form PTO-1449				Attorney's Docket No. 26822-0003		Application Serial No. 09/759,212	
INFORMATION DISCLOSURE STATEMENT				Applicant(s) Liang, et al.			
				Filing Date: January 11, 2001		Group Art Unit: 2871	
U.S. PATENT DOCUMENTS							
	42.	01/02/90	4,891,245	Micale	427	213.3	
	43.	02/25/03	6,525,865	Katase, et al	359	296	
	44.	03/14/95	5,398,041	Hyatt	345	87	
	45.	07/11/95	5,432,526	Hyatt	345	87	
	46.	06/06/72	3,668,106	Ota, Isao	358	305	
	47.	05/27/75	3,885,964	Nacci, George Raymond	430	326	
	48.	05/03/88	4,741,604	Kornfeld, Cary D.	359	296	
	49.	04/06/93	5,200,120	Sakai, Naomi	264	1.33	
	50.	09/05/00	6,113,836	Sakai, et al.	347	171	
	51.	06/04/02	6,400,492	Morita et al.	264	400	
	52.	01/28/03	6,512,626	Schmidt	359	296	
	53.	02/04/03	6,514,328	Katoh, et al.	106	31.28	
	54. W	09/19/02	Pub. No. 2002-0131152 (USSN 10/087,527)	Liang et al.			
	55. W	02/27/03	Pub. No. 2003-0039022 (USSN 10/237,522)	Liang et al.			
	56. W	06/20/02	Pub. No. 2002-75556 (USSN 09/942,532)	Liang et al.	Same as Ref. No. 84		
	57. W	03/20/03	Pub. No. 2003-0053190 (USSN 10/092,936)	Liang et al.			
	58. W	01/09/03	Pub. No. 2003-007238 (USSN 10/179,997)	Liang et al.			
	59.	12/05/02	Pub. No. 2002-0182544 (USSN 09/784,972)	Chan-Park et al.	Same as Ref. No. 82		
	60.	03/02	Pub. No. 2002-0029969	Yager et al.			
	61. T	03/03/00	USSN 09/518,488	Liang et al.	Same as Ref. No. 80		
	62. T,W	03/14/03	USSN 10/388,890	Liang et al.			
	63. T,W	01/24/03	USSN 10/351,460	Liang et al.			

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				Filing Date: January 11, 2001		Group Art Unit: 2871		
U.S. PATENT DOCUMENTS								
	64.	T,W	02/21/03	USSN 10/372,027	Liang et al.			
	65.	T,W	05/23/03	USSN 10/444,760	Liang et al.			
	66.		06/28/00	USSN 09/606,654	Liang, et al.	Same as Ref. No. 83		
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Ref. No.	Date	Patent No.	Country	Class	Subclass	Translation	
							YES	NO
	67.	10/17/85	60205452	Japan (abstract)	G03F	7/20		
	68.	02/02/00	2000035677	Japan (abstract)	G03F	7/23		
	69.	03/14/00	2000075497	Japan (abstract)	G03F	7/24		
	70.	02/16/01	2001042118	Japan (abstract)	G02B	5/20		
	71.	6/29/82	57-104116	Japan (Abstract)	G02F	1/17		
	72.	03/30/89	64-86116	Japan (Abstract)	G02F	1/19		
	73.	09/06/90	2-223934	Japan (Abstract)	G02F	1/167		
	74.	11/21/90	2-284125	Japan (Abstract)	G02F	1/167		
	75.	10/12/00	WO 00/60410	PCT	G02F	1/167		
	76.	12/17/98	WO 98/57226	PCT	G02F	1/136		
	77.	02/18/99	WO 99/08151	PCT	G02F	1/1339		
	78.	01/20/00	WO 00/03291	PCT	G02F	1/167		
	79.	06/22/00	WO 00/36649	PCT	H01L	23/532		
	80.	W	09/13/01	WO 01/67170	PCT	G02F	1/167	
	81.	X	07/18/02	WO 02/56097	PCT	G02F		
	82.	Z	08/22/02	WO 02/65215	PCT	G03F		
	83.	Y	01/03/02	WO 02/01281	PCT	G02F	1/00	
	84.	W	03/06/03	WO 03/19280	PCT	G02F	1/167	
	85.		04/04/01	1 089 118 A2	Europe	G02F	1/167	
OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)								
Examiner Initials	Ref. No.	Title						
	86.	Dalisa, A. "Electrophoretic Display Technology", <i>IEEE Transactions on Electron Devices</i> , pp. 827, 1977.						
	87.	Hopper, M., et al. "An Electrophoretic Display, Its Properties, Model and Addressing", <i>IEEE Transactions on Electron Devices</i> , Vol. 26, No. 8, pp. 1148-1152, 1979.						
	88.	Singer, B., "An X-Y Addressable Electrophoretic Display", <i>Proc. SID - 18(3/4):255-266 (1977)</i>						
	89.	Murau, P., et al., "The understanding and elimination of some suspension instabilities in an electrophoretic display", <i>Journal of Applied Physics</i> , Vol. 49, No. 9, pp. 4820-4829, 1978.						
	90.	Comiskey et al., "An electrophoretic ink for all-printed reflective electronic displays", <i>Letters to Nature</i> , May, 1998.						
	91.	Harbour, J.R., et al., "Subdivided Electrophoretic Display" <i>Xerox Disclosure Journal</i> , Vol. 4, No. 6, pp. 705, November 1979.						

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Form PTO-1449		Attorney's Docket No. 26822-0003	Application Serial No. 09/759,212
INFORMATION DISCLOSURE STATEMENT		Applicant(s) Liang, et al.	
		Filing Date: January 11, 2001	Group Art Unit: 2871
OTHER DOCUMENTS (including author, title, date, pertinent pages, etc.)			
	92.	Lewis, J. "Electrophoretic Displays", Allen Clark Research Centre, pp. 223-240.	
	93.	Nakamura, et al., "Development of Electrophoretic Display Using Microcapsulated Suspension" <i>SID Digest</i> , pp. 1014-1017, 1998.	
	94.	Ota, et al., "Electrophoretic Image Display (EPID) Panel", <i>Proceedings of the IEEE</i> , Vol. 501, No. 7, July 1973.	
EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T: Copy of the pending application is available upon request.

W: Counterpart application of application No. 09/518,488, ref. No. 61.

X: Counterpart international application of the present application.

Y: Counterpart international application of application No. 09/606,654, ref. No. 66.

Z: Counterpart international application of application No. 09/784,972, ref. No. 59.

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